

UNITED STATES FM REPEATERS

LOCATION	CALL	PRIMARY		SECONDARY		TONE	AUTO PATCH	OPR. TIME	NOTES	LOCATION	CALL	PRIMARY		SECONDARY		TONE	AUTO PATCH	OPR. TIME	NOTES
		Input	Output	Input	Output							Input	Output	Input	Output				
ALABAMA																			
Albertville C	WA4AHX	146.200	146.760	146.340	146.940			X		HAWAII									
Birmingham L	WB4QEX	146.340	146.940					X		Four Major Is. D	KH6EQK	146.340	146.940	444.150	449.150				8
Decatur C	W4JNB	146.340	146.940							Honolulu D	KH6EQF	146.200	146.800	449.150	444.150				8
Dothan L	-	146.340	146.760			2150				Waikiki D	KH6FOX	146.160	146.760						
Huntsville C	K41QU	146.460	146.940							IDAHO									
Mobile L	WB4QEV	146.340	146.940							Boise C	W7ZRQ	146.340	146.940						
Montgomery L	-	146.340	146.940							Boise C	W7ZRQ	146.580	52.525			X			
Scottsboro C	-	146.220	146.820						1	ILLINOIS									
Troy L	-	146.340	146.940						2	Chicago C	W9NGI	147.450	147.750	147.500			X		
ALASKA																			
Anchorage C	KL7USA	146.340	146.940							Chicago Q	WA9ORC	146.340	146.760	146.160					
ARIZONA																			
Phoenix C	WA7CEM	146.340	146.940	146.160	146.760		X			Rock Island C	W9UCZ	146.340	146.940		146.760	1800			
ARIZONA																			
Phoenix C	WA7CEM	146.340	146.940	146.160	146.760		X			Waukegan Q	-	146.340	146.760	146.160					
ARKANSAS																			
Ft. Smith C	WA5YUT	146.340	146.940							INDIANA									
Hot Springs C	W5ZF	146.280	146.880					X		Anderson C	WA9WVC	146.220	146.820				X	X	9
Little Rock C	W5DI	146.340	146.940					X		Elkhart C	K9HDH	146.160	146.760			1800	X		
Springdale C	WA5SNO	52.550	53.020					X		Ft. Wayne D	WA9EAU	146.340	146.760						
CALIFORNIA																			
Anaheim D	K6SYU	146.520	146.190	145.620						Ft. Wayne D	W9INX	146.280	146.880				X		
Covina C	W6FNO	146.820	146.700			W				Freemont D	WB9FHD	52.640	52.525						
Danville D	W6CV	147.800	147.060							Indianapolis C	K9LEH	146.340	146.760						
Exeter D	WB6OPG	145.220	146.880							Indianapolis C	K9LEH	146.280	146.880						10
Exeter D	WB6OPG	146.160	146.760							La Porte C	K9JSI	146.220	146.820				X		
Eureka D	WB6DGJ	146.340	146.940							Michigan City L	-	146.310	146.970						
Fresno D	WB6HYL	146.340	146.940							IOWA									
Grass Valley D	WA6UGS	146.340	146.940							Des Moines C	W9AK/Q	146.340	146.940	146.160	146.760			X	
Hayward D	WB6AAE	146.200	146.800	449.500	444.500					Des Moines C	K9IXR	146.340	146.940			W	X		
Los Angeles C	WA6TIC	146.580	52.600	146.700		RTTY				Cedar Rapids C	WA9VVA	146.340	146.940			2000			
Los Angeles C	WB6ZDI	146.610	147.330							KANSAS									
Monterey D	K6LY	146.370	146.970							Hutchinson C	W0DKU	146.340	146.940				X		
Oakland D	WB6NDJ	51.700	51.075	146.940						Pittsburg C	WA0VVW	146.340	146.940						
Oakland D	K6SWS	146.340	146.940							Salina L	WA0CJQ	146.340	146.940						
Oroville D	K6VYV	146.340	146.940			1800				Wichita L	W0IPB	146.220	146.820	52.525	52.525				11
Palmdale D	WB6GUA	146.340	146.940			1800				Wichita L	W0DKU	146.340	146.940						
Pine Cove D	W6AOE	147.150	147.750							KENTUCKY									
Redlands C	WA6ALV	146.340	146.850			1800				Covington D	W4YWH	146.190	146.790	146.130	146.730				
Riverside D	WA6URI	146.160	146.880							Lexington D	WB4UQF	146.340	146.760						
Sacramento D	K4TXK/6	52.760	52.525							Louisville D	W4MOP	146.340	146.940						
Sacramento D	WB6ZOI	146.160	146.760							Owensboro D	K4UCS	146.340	146.940						
San Diego D	WB6WLV	146.340	146.850			2100				LOUISIANA									
San Luis Obispo C	WB6TSO	146.200	146.800							Alexandria C	K5URH	146.340	146.940						
San Rafael D	K6GWE	146.100	146.700	448.250	443.250					Baton Rouge C	WA5ZHD	146.340	146.940						
Santa Barbara D	K6SJF	146.160	146.995							Baton Rouge C	WA5RTZ	146.280	146.880						
Santa Clara C	WB6OQS	146.160	146.760	444.600	449.600	2400				Lake Charles L	-	146.340	146.940						
Santa Monica D	WA6FLH	146.220	147.390							Monroe C	WB5CDP	52.827	52.525			1950			
Ventura C	WA6SIN	146.280	146.880			1950				Morgan City L	W5MLE	146.340	146.940						
COLORADO																			
Alpine Rescue D	-	146.100	146.700							Shreveport L	-	146.220	146.820						
Boulder D	W0IA	444.550	449.550							MASSACHUSETTS									
Broomfield D	WA0FTM	444.400	449.400							Falmouth D	W1VAK	146.340	146.940						
Buckhorn Mtn. D	-	146.250	146.850							Holyoke D	K1ZJH	146.340	146.940						
Castle Rock D	W0JGL	146.070	146.670							Lennox D	WA1KGT	146.250	146.760						
Colo. Springs C	WA0VTV	146.160	146.760							Marlboro D	WA1KFY	146.220	146.820						
Denver D	K0OVQ	146.820	147.300							Reading C	W1ZAW	146.280	146.880						
Denver C	WA0VVC	444.350	449.350							Williamstown C	K1FFK	146.040	146.910						
Denver C	W0WYX	146.340	146.940	444.450	449.450					Williamstown C	WA1KFZ	146.100	146.700						
Denver D	-	146.100	146.700			RTTY				MICHIGAN									
Ft. Collins C	-	146.010	146.610							Bangor D	WB8CRH	52.640	52.525						
Grand Junction D	W0RRZ	145.320	146.940							Benton Harbor C	W8MAI	146.220	146.820			1800			
Pueblo D	W0ENA	53.000	52.525							Benton Harbor Q	K8JKI	146.340	146.940						12
Pueblo D	WA0SNO	146.280	146.880							Benton Harbor Q	K8JKI	146.940	146.760			146.760			13
Pueblo D	WA0SNO	146.340	146.940							Detroit D	WB8CQS	146.340	146.760						13
Squaw Mtn. D	W0WYX	53.000	52.525							Detroit D	W8SDZ	146.460	146.640						
Squaw Mtn. D	W0WYX	444.450	449.450							Kalamazoo C	K8TIW	146.340	146.940			2100	X		
CONNECTICUT																			
Bridgeport D	WA1KGK	146.220	146.760							Muskegon L	K8WNJ	146.220	146.820						
Hartford D	K1HIG	146.280	146.880							MINNESOTA									
DISTRICT of COLUMBIA																			
Washington L	WB4QFP	146.310	146.910							Minneapolis C	W0PZT	146.985	146.460	53.640	53.640			X	14
FLORIDA																			
Ft. Walton Beach L	WB4EQU	29.440	29.600							Rochester C	-	146.940	146.460						
Ft. Walton Beach C	WB4KLT	146.340	146.760							MISSISSIPPI									
Melbourne C	WB4KNQ	146.340	146.760							Keesler AFB C	K5TYP	146.340	146.940						
Pensacola C	WB4QEQ	146.340	146.760							Pascagoula C	WA5RMS	146.340	146.940			2400			
Silver Springs C	-	146.340	146.940							MISSOURI									
Tampa B	WB4HAE	146.340	146.760							Kansas City C	WA0VUN	146.220	146.820						
Orlando C	WB4QEL	146.340	146.760	449.600	448.600					Kansas City C	WA0AMR	146.340	146.940			2805	X	X	
GEORGIA																			
Atlanta C	W4BOC	146.160	146.760	146.340		1800S				Springfield C	WA0VVV	146.340	146.940						
Atlanta L	W4DOC	146.280	146.880							St. Joseph L	W0OKB	146.100	146.940	146.340					
Atlanta L	W4RRW	146.220	146.820							St. Louis C	W9AIU	146.160	146.760						
Dallas L	-	146.250	146.850							St. Louis Q	-	146.340	146.940						
Griffin L	-	146.310	146.910							MONTANA									
Rome L	W4VO	146.460	146.940	146.340		2100S	X			Butte C	WA7KZF	146.340	146.940				X		

1. Not operational when data received.
2. May change to .22/.82.
3. Secondary input is a.m.
4. RTTY Repeater.
5. Operational from 7 A.M. to Midnight.
6. V.h.f. and u.h.f. interconnected.
7. Planning on 600 kHz spacing retaining .34 input with tone coding.

8. V.h.f. and u.h.f. interconnected. KH6EQK and KH6EQF are interconnected by UHF.
9. Autopatch for members only.
10. Going to 600 kHz spacing. 16 input.
11. System interface with 52.525. Simultaneous 2 and 6 m. output with 2m. input and 2 m. output with 6 m. input.
12. Destroyed by fire 19 Nov. '71. Call WSQQQ applied for.
13. Renders' most used frequencies useless. All outputs have same signal.
14. Six meter interface.

LOCATION	CALL	PRIMARY		SECONDARY		TONE	AUTO PATCH	OPR. TIME	NOTES	LOCATION	CALL	PRIMARY		SECONDARY		TONE	AUTO PATCH	OPR. TIME	NOTES
		Input	Output	Input	Output							Input	Output						
NEBRASKA										PENNSYLVANIA									
North Platte C	KØYRL	146.340	146.940							Bethlehem C	W3OK	146.160	146.700						X
Omaha C	WAØVVD	146.220	146.820							Erie D	W3ZLO	146.340	146.940						
NEVADA										Harrisburg D	WA3ICC	146.340	146.760						
Reno D	K7UGT	146.340	146.940	146.940	147.480	2400P				Kane C	W3VV	146.340	146.940	146.250	146.850				
Virginia City C	K7VJZ	52.525	146.940							Laurel Mtn. L	WA3RES	146.340	146.940						
NEW HAMPSHIRE										Philadelphia C	W3QV	29.640	29.493						20
Concord D	WIALE	146.340	146.940							Philadelphia C	WA3KUR	52.760	52.640	448.800	443.800		X		21
NEW JERSEY										Philadelphia C	K3ZFD	146.370	146.970				X		22
Lakewood C		146.310	146.910							Philadelphia C	WA3BKO	146.160	146.760	146.340					
Paramus C	WA2UYS	146.115	146.610	146.610	146.115		X			Pittsburg C	WA3QLP	146.340	146.760	146.220					
NEW MEXICO										RHODE ISLAND									
Albuquerque C	WA5YUG	53.725	52.525		52.575	T	X	X		Bristol C	K1OHE	146.340	146.940	146.940	448.000			X	
Los Alamos C	W5PDO	146.340	146.940				X	X		Pawtucket C	K1ABR	146.100	146.700	146.700			X	X	9
Roswell C	WA5DMQ	146.340	146.940							SOUTH CAROLINA									
NEW YORK										Charleston L	WB4QK	146.340	146.940						
Bath D	W2DRZ	146.340	146.940	146.190	146.790					Greenville C	WB4PUP	146.340	146.940						23
Buffalo D	K2LDT	146.310	146.910							SOUTH DAKOTA									
NYC B	WA2SUR	146.190	146.730							Brookings L		146.340	146.940						
NYC C	WA2UWK	146.280	146.880	146.340	146.940				15	Rapid City C	KØMZN	146.340	146.940						
NYC C	WA2YYQ	146.250	146.880	444.250	449.250			X		Sioux Falls L	WAØVVG	146.340	146.940			1800			
NYC C	WA2YZZ	146.100	146.700			R				TENNESSEE									
Lockport D	W2RUI	146.250	146.820							Knoxville C	K4HDX	146.340	146.940						
Poughkeepsie D	W2CVT	146.310	146.760							Knoxville C		146.280	146.880						
Steuben County C	WA2ARI	146.340	146.940		145.340			X		Lenoir City C	K4RSV	146.460	147.060						
Rochester D	WA2UWQ	146.280	146.880							Memphis C	W4CV	146.340	146.940						
Rome D	WA2UWS	146.280	146.880							Memphis C	W4BS	146.220	146.760						
Schenectady C	K2AE	146.460	146.940							Nashville C	W4AY	146.100	146.640				X	X	24
Syracuse D	WA2UWF	146.460	146.940							Oak Ridge C	W4SKH	146.280	146.880						
Troy C	WB2NNZ	146.340	146.940							TEXAS									
Utica D	K2GVI	146.340	146.940							Amarillo C	W5CBT	146.340	146.940						
Western NY C	W2SB	146.340	146.940	146.250	146.850		X	X		Arlington C		449.200	444.200					X	
Whiteface D	WA2UYJ	146.220	146.820							Austin C	WA5YTO	146.340	146.940						
NORTH CAROLINA										Corpus Christi C	WA5YTJ	146.340	146.940					X	
Charlotte D	W4BFB	146.340	146.940							Dallas C	WA5VKV	146.220	146.820					X	
Durham D	K4RUQ	146.340	146.940							Dallas C	WA5VKV	449.000	444.000					X	
Elizabeth City C	WA4VTX	146.280	146.880	146.940		T S	X	X		Dallas D	WA5VKW	146.280	146.880						
Greensboro D	W4GG	146.160	146.760							Dallas Q		146.190	146.790						
Raleigh D		146.280	146.940							Ft. Worth C	WA5YTM	146.340	146.940						
High Point D	K4VUG	146.340	146.940							Ft. Worth C	WA5KTO	146.160	146.760						
Lexington D		146.310	146.910							Ft. Worth C		53.050	53.150		52.560				
Roaring Gap L	WB4PPS	146.220	146.940	146.940	145.500					Houston C	WA5QLA	146.280	146.880						
North Wilkesboro D	W4DCD	52.780	52.525	146.420						Irving D		146.130	146.730					X	1
Salisbury D	W4EXU	146.280	146.880							Mineral Wells C	W5KVI	146.040	146.640					X	
Shelby C	W4NYR	146.280	146.880							Mt. Pleasant C		146.340	146.940						
OHIO										Nederland C	WA5YUS	146.340	146.940						
Ashtabula D	K8HRS	146.340	146.760							Pecos C	WA5YUU	146.340	146.940					X	
Athens D	K8TQK	146.340	146.760							Plainview C	W5YNL	146.220	146.820		146.940				
Canfield D	WA8VWH	146.280	146.880							San Antonio C	WA5VKZ	146.340	146.940	146.220	146.820	S			
Cincinnati C	WB8CRS	146.340	146.760			1800		X		San Antonio C	WA5UNH	52.880	52.525						
Cincinnati D	W8QID	52.920	53.050							Tyler Q		146.340	146.940						
Cleveland C	WB8CQR	146.340	146.760	146.370		110.9S		X		Waco D		146.280	146.880						
Cleveland D	WB8CQR	449.950	447.950							UTAH									
Cleveland D	WB8CRV	146.280	146.880	146.400				X		Salt Lake City C	WA7AKI	146.340	146.940	444.900	449.900			X	25
Cleveland D	WA8TTO	146.220	146.820	146.460						VERMONT									
Columbus C	W8AIC	146.340	146.760			T	X	X		Bennington D	WA1KFX	146.310	146.880						
Columbus D	W8TQA	52.760	52.525							Mt. Ascutney D	WA1KGM	146.160	146.760						
Columbus C	W8ERD	29.500	146.820	50.540				X	16	Mt. Mansfield D	WIKOO	146.340	146.940						
Dayton C	WB8CQK	146.160	146.760	146.040	146.640	2000P			17	Shelburne D	WIABI	146.340	146.940	146.280	146.880				
Dayton D	WA8PIA	448.750	443.750							VIRGINIA									
Delaware D	W8QLS	146.370	146.970							Charleston C	WB4KNX	146.280	146.940						
Fletcher D	WB8CRL	146.460	146.880							Danville D	WB4QEP	146.280	146.880						
Galion L	WA8KJJ	146.340	146.760							Lynchburg C	WB4HCX	146.340	146.940						
Hamilton D	WA8WMH	146.370	146.970					X	18	Richmond C	WB4QEO	146.340	146.940						
Marietta D	W8HH	146.280	146.880							Richmond C	WA4VOS	146.280	146.880						
Miamisburg D	WA8PLZ	146.220	146.820	448.600						WASHINGTON									
Newark D		146.280	146.880							Castle Rock L		146.340	146.940						
Newcomerstown C	WB8CRU	146.340	146.760							Seattle D	W7DBF	146.340	146.580	146.760					
Ottawa D	K8JHG	52.760	52.525	53.360	53.540					Spokane C	WA7KYY	146.340	146.940						
Toledo D	WB8CQO	146.340	146.760							Wenatchee C	W7TD	146.340	146.940						
Toledo D	WB8CQO	146.200	146.800							WEST VIRGINIA									
Toledo D	WB8CQO	52.680	52.525							Huntington D	WB8ARY	146.340	146.760	52.760	52.525				
Toledo D	K8MXV	146.100	146.850							New Martinsville D	WA8ART	146.340	146.940						
Youngstown D	W8IIO	146.340	146.760	146.310					19	Parkersburg C	K8BOT	146.340	146.760					X	
OKLAHOMA										Weirton D	WA8AGC	146.340	146.940						
Ardmore C	WA5YUF	146.460	146.940							Wheeling D	W8JDJ	146.340	146.760						
Central Okla. C	WA5YTI	146.340	146.940					X		WYOMING									
Durant Q		146.340	146.940							Casper Mtn. C	K7KMT	146.340	146.940	444.550	449.550			X	6
Enid C	WA5QYE	146.340	146.940					X		Laramie C	WA7EGK	146.340	146.940	146.760			X	X	
Tulsa N	WA5LVT	146.340	146.940					X		South East Wyo. C	WA7KZC	146.160	146.760					X	
Tulsa N	WA5KWH	146.220	146.820																

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CANADIAN FM REPEATERS

LOCATION	CALL	PRIMARY		SECONDARY		TONE	AUTO PATCH	OPR. TIME	NOTES
		Input	Output	Input	Output				
ALBERTA									
Calgary L	VE6AUW	146.460	147.000						
Edmonton L	VE6WQ	146.460	147.000						
Grand Prairie L	VE6OL	146.460	147.000						
BRITISH COLUMBIA									
Chilliwack D	VE7ELK	146.460	147.000						
Cranbrook D	VE7CAP	146.340	146.940						
Kamloops D	-	146.340	146.940						
Nelson D	VE7BTU	146.460	147.330						
Penticton D	-	146.340	146.940						
Prince George D	VE7AFG	146.580	147.330						
Trail D	VE7CAQ	146.340	146.940						
Vancouver D	VE7RPT	146.340	146.940						
Victoria D	VE7BEL	146.220	147.540						
MANITOBA									
Winnipeg D	VE4XK	146.460	146.940						
NEW BRUNSWICK									
Moncton D	VE1VHF	146.460	146.940						
Saint John D	VE1KI	146.460	146.940						
NEWFOUNDLAND									
Grand Falls D	VO1AV	146.460	146.940						
Saint John's D	VO1GT	146.460	146.940						
NOVA SCOTIA									
Halifax D	VE1ARC	146.460	146.940						
Sydney D	VE1JD	146.460	146.940						
Truro D	VE1XK	146.460	146.940						
ONTARIO									
Bellefonte D	VE3KBR	146.460	146.940						
Chatham D	VE3KCR	146.460	146.940						
Grimsby D	VE3LCR	146.490	147.090						
Hamilton D	VE3DRW	146.160	146.760						
Kitchener D	VE3KSR	146.370	146.970						
London D	VE3LAC	146.460	147.060						
Niagara Falls D	VE3BER	146.070	146.700						
Oshawa D	VE3OSH	146.400	147.120						
Ottawa D	VE3STP	146.340	147.060						
Peterboro D	VE3PBO	146.340	146.940						
St. Catharines D	VE3NRS	146.220	147.240						
Sault Sainte Marie D	VE3SSM	146.340	146.940	146.460					
Sudbury D	VE3SRS	146.460	146.940						
Toronto D	VE3RPT	146.460	147.060		146.940				
Toronto D	VE3MOT	156.580	147.180						
Toronto D	VE3SSS	146.640	147.300						
QUEBEC									
Chicoutami D	VE2CRS	146.460	146.940						
Matane D	VE2CSL	146.460	146.940						
Montreal D	VE2CAT	146.180	146.640						
Montreal D	VE2PY	146.280	146.880						
Montreal D	VE2RM	146.400	147.180						
Montreal D	VE2MT	146.460	147.060						
Montreal D	VE2TA	146.520	147.500						
Montreal D	VE2XW	146.700	147.600						
Ottawa D	VE2CRA	146.460	146.940						
Quebec City D	VE2OM	146.460	146.940						
Quebec City D	VE2VD	146.520	147.500						
Riviere Du Loup D	VE2NY	146.460	146.940						
St. Foy D	VE2LB	146.640	147.140						
Sherbrooke D	VE2FZ	146.460	146.940						
Trois Rivières D	VE2AT	146.460	146.940						
SASKATCHEWAN									
Regina D	VE5SS	146.460	147.330						

SIMPLEX FREQUENCIES OTHER THAN NATIONAL OR REPEATER OUTPUT

ALABAMA		KANSAS		TENNESSEE	
State CD Freq.	53.400	Chanute	146.760	Memphis	52.580
ARKANSAS		LOUISIANA		Oakridge	146.760
Springdale	146.760	Statewide - old CD 147.300		TEXAS	
CALIFORNIA		MINNESOTA		Arlington	146.550
Placer County	51.000	Stanchfield	146.640	Dallas	146.430
Sacramento	51.100	MONTANA		Fort Worth	146.400
Statewide	51.300	Great Falls	146.760	Statewide	146.520
Bay Area	146.650	Missoula	146.760	Statewide	146.640
Statewide	146.460	Ryegate	146.760	Statewide	449.100
Statewide	446.000	NORTH CAROLINA		VIRGINIA	
ILLINOIS		Burlington	147.780	Arlington	147.000
Chicago	147.300	OREGON		Arlington	146.880
IOWA		Portland	146.760	Arlington	146.760
Ames	52.640	PENNSYLVANIA		WASHINGTON	
Des Moines	146.880	Philadelphia	146.430	Blaine AFS	146.760
Des Moines	146.760	WASHINGTON		Spokane	146.760
Des Moines	146.460	WASHINGTON		N.W. Washington	146.760
Des Moines	446.000	WASHINGTON		WASHINGTON	